Operations Division

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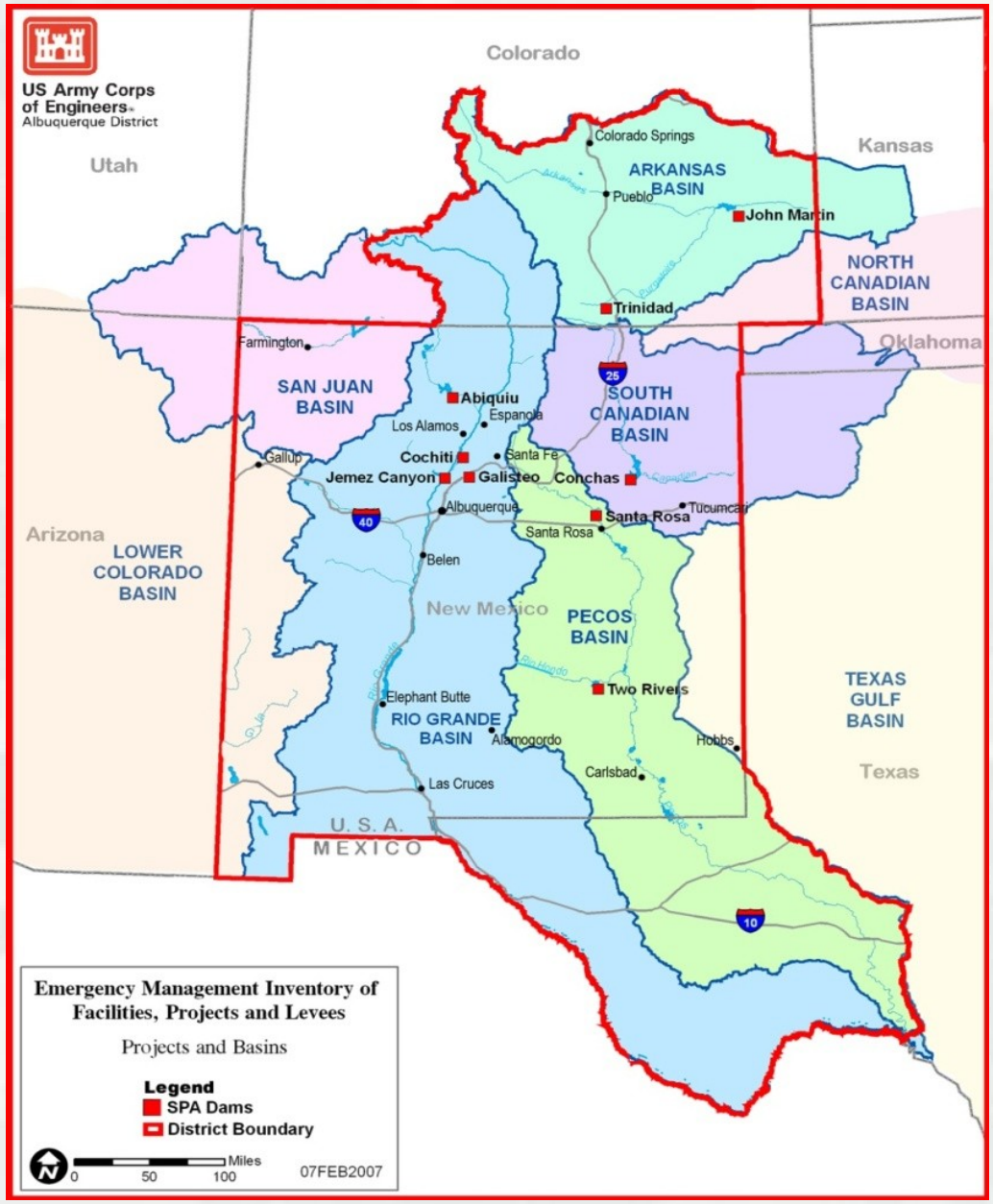
US Army Corps of Engineers
BUILDING STRONG®
One Team Destined For Greatness



Corps Dams in Albuquerque District:

- Arkansas Basin
  - John Martin
  - Trinidad
- Rio Grande Basin
  - Abiquiu
  - Cochiti
  - Galisteo
  - Jemez Canyon
- South Canadian Basin
  - Conchas
- Pecos Basin
  - Santa Rosa
  - Two Rivers

Operations Program

- Flood Risk Management thru O&M of our nine dams
- Water Control – storage and releases; District dams
- Operate and maintain dams and supporting facilities
- Provide for safe recreation with direct management of parks (Abiquiu, Cochiti) or partnership with state parks (Colorado; John Martin and Trinidad), (New Mexico; Conchas, Santa Rosa)
- Accomplish environmental projects associated with impacts of these dams
- Total Program normally about $25M per year recently

John Martin Dam, Southeastern Colorado

Operations Program Cont.

- Operations and Maintenance of Corps dams, facilities, and related projects is funded by direct annual Congressional appropriations, unlike the customer-based projects of military and interagency construction.
- Fund and support studies and special projects to plan for improved technology and operational methods to continually improve benefits to public and environment.
- Provide Geospatial Products, Support, and Services to the District and External Partners/Customers

Santa Rosa Dam & Lake, Eastern NM

Operations Program Cont.

- Typical maintenance work includes:
  - Concrete repairs and replacements
  - Buildings and facilities repairs and minor construction
  - Electrical systems upgrades and replacements
  - Repairing and re-paving roads
  - Repairing and sealing large water outlet gates on dams
  - Vegetation removals on dams
  - Large rock and riprap placements
  - Tamarisk (Salt Cedar) removal
  - Dredging

Operations Program Cont.

- Contract Work, FY13 (1 Oct 2012 – 30 Sep 2013):
  - Conchas Lake, NM: Roof repairs, Adobe Belle houses
  - Two Rivers Dam(s): Vegetation removal
  - Galisteo Dam, NM: Survey boundary
  - John Martin & Trinidad Dams, CO: Small security and safety projects

- Upcoming Contract Work, FY14:
  - Conchas Lake, NM: Irrigation Headworks Erosion Control
  - Cochiti Lake, NM: Spillway Erosion Repair
    (Subject to being funded)

    - Future years backlog maintenance projects:
  - (As was listed in our “Typical maintenance work” slide)
  - (All subject to being funded)

Corps' Flood Control Mission

- One of our most important Civil-Works missions is "Flood Risk Management":
  - In general; operating and maintaining and in some cases, constructing; levees, storm damage reduction projects, and dams
  - Identifying and assessing flood hazards posed by aging flood damage reduction infrastructure,
  - Improving public awareness and comprehension of flood hazards and risk
  - Improving capabilities to collaboratively deliver and sustain flood damage reduction and flood hazard mitigation services to the nation.

Corps' Recreation Mission

- Lesser known fact: We are the largest federal provider of outdoor recreation in the country:
  - 420 lakes in 43 states hosting 33% of all freshwater lake fishing
  - $18 billion in total spending associated with Corps lake visits
  - Translating to 350,000 jobs for American workers!!
- In Albuquerque District (NM and southeastern CO)
  - Nine Corps Dams, Six storing water year-round
  - Over 30 recreation areas (campgro
  - Five-million total visitor-hours
  - Annual visitor recreation spending
  - Recreation-based jobs provided

Corps' Environmental Stewardship Mission

- Along with projects providing flood risk management benefits, comes the responsibility to mitigate for their effects
  - Estimated 112,000-acres of land managed
  - Estimated 210 miles of shoreline
  - Habitat work around the lakes
  - Archaeological and paleontological sites preserved
  - Historical structures

Abiquiu Dam & Lake, Rio Chama, Northern NM

QUESTIONS